

(A)

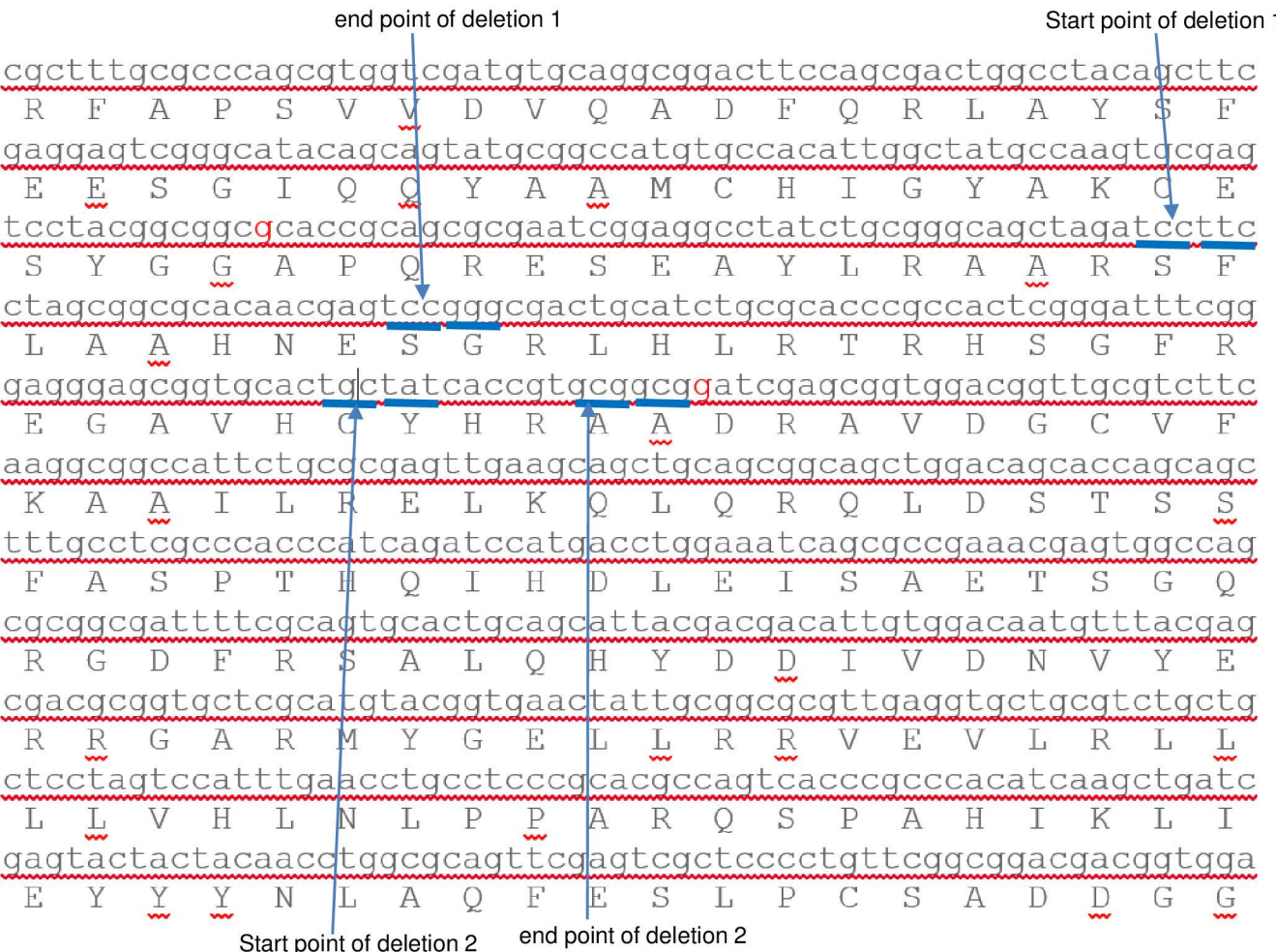


(C)

Start point of deletion

end point of deletion

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 E E S G I Q Q Y A A M C H I G Y A K C E
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 S Y G G A P Q R E S E A Y L R A A R S F
 ctagcggcgcacaacgagtcgggcgactgcattctgcccaccgccactcgggatttcgg
 L A A H N E S G R L H L R T R H S G F R
 gagggagcgggtgcactgctatcaccgtgcccgatcgagcgggtggacggttgcgtcttc
 E G A V H C Y H R A A D R A V D G C V F
 aaggcggccattctgcccgagttgaagcagctgcagcggcagctggacagcaccagcagc
 K A A I L R E L K Q L Q R Q L D S T S S
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 F A S P T H Q I H D L E I S A E T S G Q
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 R G D F R S A L Q H Y D D I V D N V Y E
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 R R G A R M Y G E L L R R V E V L R L L
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 L L V H L N L P P A R Q S P A H I K L I
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 E Y Y Y N L A Q F E S L P C S A D D G G

(D)

(E)

end point of deletion

Start point of deletion

cgctttgcgccacagcgtggtcgatgtgcaggcggacttcacagcgaactggcctacagcttc
 R F A P S V V D V Q A D F Q R L A Y S F
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 E E S G I Q Q Y A A M C H I G Y A K C E
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 S Y G G A P Q R E S E A Y L R A A R S F
 ctagcggcgcacaacgagtcggggcactgcactctgcgcaccgcgcactcgggatttcgg
 L A A H N E S G R L H L R T R H S G F R
 gagggagcggtgactgctatcaccgtgcggcgcgatcgaagcggatgacgggttgcgcttc
 E G A V H C Y H R A A D R A V D G C V F
 aaggcggccattctgcgcgagttgaagcagctgcagcggcagctggacagcaccagcagc
 K A A I L R E L K Q L Q R Q L D S T S S
 tttgcctcgcgccaccatcagatccatgacctggaatcagcgcgaaacgagtgccag
 F A S P T H Q I H D L E I S A E T S G Q
 cgcggcgattttcgcagtgactgcagcattacgacgacattgtggacaatgtttacgag
 R G D F R S A L Q H Y D D I V D N V Y E
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 R R G A R M Y G E L L R R V E V L R L L
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 L L V H L N L P P A R Q S P A H I K L I
 gagtactactacaacctggcgcagttcgagtcgctcccctgttcggcggacgacgggtgga
 E Y Y Y N L A Q F E S L P C S A D D G G

(F)

end point of deletion 1

Start point of deletion 1

cgctttgcgccagcgtggtcgatgtgcaggcggacttccagcgactggcctacagcttc
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 E E S G I Q Q Y A A M C H I G Y A K C E
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 S Y G G A P Q R E S E A Y L R A A R S F
 ctacggcgcacaacgagtcgggcgactgcattctgcgcaccgccactcgggatttcgg
 L A A H N E S G R L H L R T R H S G F R
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 E G A V H C Y H R A A D R A V D G C V F
 aaggcggccattctgcgcgagttgaagcagctgcagcggcagctggacagcaccagcagc
 K A A I L R E L K Q L Q R Q L D S T S S
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 F A S P T H Q I H D L E I S A E T S G Q
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 R G D F R S A L Q H Y D D I V D N V Y E
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 R R G A R M Y G E L L R R V E V L R L L
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 L L V H L N L P P A R Q S P A H I K L I
 gagtactactacaactgcccgcagttcgagtcgctccctgttcggcggacgcagcgtgga
 E Y Y Y N L A Q F E S L P C S A D D G G

Start point of deletion 2, with a insertion of C

end point of deletion 2